

Metal fabrication and finishing source category	Description
Industrial Machinery and Equipment Finishing Operations.	Establishments primarily engaged in construction machinery manufacturing; oil and gas field machinery manufacturing; and pumps and pumping equipment manufacturing. The construction machinery manufacturing industry sector of this source category includes establishments primarily engaged in manufacturing heavy machinery and equipment of types used primarily by the construction industries, such as bulldozers; concrete mixers; cranes, except industrial plant overhead and truck-type cranes; dredging machinery; pavers; and power shovels. Also establishments primarily engaged in manufacturing forestry equipment and certain specialized equipment, not elsewhere classified, similar to that used by the construction industries, such as elevating platforms, ship cranes, and capstans, aerial work platforms, and automobile wrecker hoists. The oil and gas field machinery manufacturing industry sector of this source category includes establishments primarily engaged in manufacturing machinery and equipment for use in oil and gas fields or for drilling water wells, including portable drilling rigs. The pumps and pumping equipment manufacturing sector of this source category includes establishments primarily engaged in manufacturing pumps and pumping equipment for general industrial, commercial, or household use, except fluid power pumps and motors. This category includes establishments primarily engaged in manufacturing domestic water and sump pumps.
Iron and Steel Forging .....	Establishments primarily engaged in the forging manufacturing process, where purchased iron and steel metal is pressed, pounded or squeezed under great pressure into high strength parts known as forgings. The forging process is different from the casting and foundry processes, as metal used to make forged parts is never melted and poured.
Primary Metals Products Manufacturing .....	Establishments primarily engaged in manufacturing products such as fabricated wire products (except springs) made from purchased wire. These facilities also manufacture steel balls; nonferrous metal brads and nails; nonferrous metal spikes, staples, and tacks; and other primary metals products not elsewhere classified.
Valves and Pipe Fittings .....	Establishments primarily engaged in manufacturing metal valves and pipe fittings; flanges; unions, with the exception of purchased pipes; and other valves and pipe fittings not elsewhere classified.

TABLE 2 TO SUBPART XXXXXX OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO METAL FABRICATION OR FINISHING AREA SOURCES

*Instructions for Table 2*—As required in § 63.11523, “General Provisions Requirements,” you must meet each requirement in the following table that applies to you.

Citation	Subject
63.1 <sup>1</sup> .....	Applicability.
63.2 .....	Definitions.
63.3 .....	Units and abbreviations.
63.4 .....	Prohibited activities.
63.5 .....	Construction/reconstruction.
63.6(a), (b)(1)–(b)(5), (c)(1), (c)(2), (c)(5), (g), (i), (j) .....	Compliance with standards and maintenance requirements.
63.9(a)–(d) .....	Notification requirements.
63.10(a), (b) except for (b)(2), (d)(1), (d)(4) .....	Recordkeeping and reporting.
63.12 .....	State authority and delegations.
63.13 .....	Addresses of State air pollution control agencies and EPA regional offices.
63.14 .....	Incorporation by reference.
63.15 .....	Availability of information and confidentiality.
63.16 .....	Performance track provisions.

<sup>1</sup> § 63.11514(g), “Am I subject to this subpart?” exempts affected sources from the obligation to obtain title V operating permits.

### Subpart YYYYYY—National Emission Standards for Hazardous Air Pollutants for Area Sources: Ferroalloys Production Facilities

SOURCE: 73 FR 78643, Dec. 23, 2008, unless otherwise noted.

#### APPLICABILITY AND COMPLIANCE DATES

##### § 63.11524 Am I subject to this subpart?

(a) You are subject to this subpart if you own or operate a ferroalloys production facility that is an area source of hazardous air pollutant (HAP) emissions. A ferroalloys production facility

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manufactures silicon metal, ferrosilicon, ferrotitanium using the aluminum reduction process, ferrovandium, ferromolybdenum, calcium silicon, silicomanganese zirconium, ferrochrome silicon, silvery iron, high-carbon ferrochrome, charge chrome, standard ferromanganese, silicomanganese, ferromanganese silicon, calcium carbide or other ferroalloy products using electrometallurgical operations including electric arc furnaces (EAFs) or other reaction vessels.

(b) The provisions of this subpart apply to each existing and new electrometallurgical operation affected source as defined in paragraphs (b)(1) and (b)(2) of this section.

(1) An electrometallurgical operation affected source is existing if you commenced construction or reconstruction of the EAF or other reaction vessel on or before September 15, 2008.

(2) An electrometallurgical operation affected source is new if you commenced construction or reconstruction of the EAF or other reaction vessel after September 15, 2008.

(c) This subpart does not apply to research or laboratory facilities as defined in section 112(c)(7) of the Clean Air Act (CAA).

(d) You are exempt from the obligation to obtain a permit under 40 CFR part 70 or 40 CFR part 71, provided you are not otherwise required by law to obtain a permit under 40 CFR 70.3(a) or 40 CFR 71.3. Notwithstanding the previous sentence, you must continue to comply with the provisions of this subpart.

### § 63.11525 What are my compliance dates?

(a) If you own or operate an existing affected source, you must achieve compliance with the applicable provisions of this subpart by June 22, 2009.

(b) If you start up a new affected source on or before December 23, 2008, you must achieve compliance with the applicable provisions of this subpart by no later than December 23, 2008.

(c) If you start up a new affected source after December 23, 2008, you must achieve compliance with the applicable provisions of this subpart upon startup of your affected source.

## STANDARDS, MONITORING, AND COMPLIANCE REQUIREMENTS

### § 63.11526 What are the standards for new and existing ferroalloys production facilities?

(a) You must not discharge to the atmosphere visible emissions (VE) from the control device that exceed 5 percent of accumulated occurrences in a 60-minute observation period.

(b) You must not discharge to the atmosphere fugitive PM emissions from the furnace building containing the electrometallurgical operations that exhibit opacity greater than 20 percent (6-minute average), except for one 6-minute average per hour that does not exceed 60 percent.

### § 63.11527 What are the monitoring requirements for new and existing sources?

(a) *EAF equipped with fabric filters*—(1) *Visual monitoring.* You must conduct visual monitoring of the monovalent or fabric filter outlet stack(s) for any VE according to the schedule specified in paragraphs (a)(1)(i) and (a)(1)(ii) of this section.

(i) *Daily visual monitoring.* Perform visual determination of fugitive emissions once per day, on each day the process is in operation, during operation of the process.

(ii) *Weekly visual monitoring.* If no visible fugitive emissions are detected in consecutive daily visual monitoring performed in accordance with paragraph (a)(1)(i) of this section for 90 days of operation of the process, you may decrease the frequency of visual monitoring to once per calendar week of time the process is in operation, during operation of the process. If visible fugitive emissions are detected during these inspections, you must resume daily visual monitoring of that operation during each day that the process is in operation, in accordance with paragraph (a)(1)(i) of this section until you satisfy the criteria of this section to resume conducting weekly visual monitoring.

(2) If the visual monitoring reveals the presence of any VE, you must conduct a Method 22 (appendix A-7 of 40